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WHAT IS CLAIMED IS:

1. A system of route target filtering, comprising:

an import filter receiving a plurality of routes, the plurality of routes having a next hop routing information, the import filter accepting a first subset of the routes according to an import target policy; and

a re-export filter receiving the plurality of routes, modifying the next hop information of a second subset of the routes, and distributing the modified routes.

- 2. The system, as set forth in claim 1, wherein the re-export filter modifies the next hop information to be the address of a router serving as a firewall of a network.
- 3. The system, as set forth in claim 1, wherein the re-export filter modifies the next hop information to be the address of a firewall of a virtual private network.
- 4. The system, as set forth in claim 1, wherein the re-export filter comprises a mask, a value for comparison with the route, and an action to take in response to a match between the route and the comparison value.
- 5. The system, as set forth in claim 1, wherein the plurality of routes each comprises a route distinguisher, a route target, and the next hop information.

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6. A network, comprising:

a hub node;

a plurality of spoke nodes in communications with one another via the hub node; and

the hub node including:

an import filter receiving a plurality of routes, the plurality of routes having a next hop routing information, the import filter accepting a first subset of the routes according to an import target policy; and

a re-export filter receiving the plurality of routes, modifying the next hop information of a second subset of the routes, and distributing the modified routes.

- 7. The network, as set forth in claim 6, wherein the re-export filter modifies the next hop information to be the address of the hub node.
- 8. The network, as set forth in claim 6, wherein the re-export filter modifies the next hop information to be the address of the hub node serving as a firewall for the network.
- 9. The network, as set forth in claim 6, wherein the re-export filter modifies the next hop information to be the address of the hub serving as a firewall of a virtual private network.
- 10. The network, as set forth in claim 6, wherein the re-export filter comprises a mask, a value for comparison with the route, and an action to take in response to a match between the route and the comparison value.
- 11. The network, as set forth in claim 6, wherein the plurality of routes each comprises a route distinguisher, a route target, and the next hop information.
- 12. The network, as set forth in claim 6, wherein the hub node is a customer edge device coupling a site to a provider network.

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13. A method, comprising:

receiving a plurality of routes each having a next hop routing information; accepting a first subset of the plurality of routes according to a predetermined policy;

modifying the next hop information of a second subset of the plurality of routes' and

distributing the modified routes.

- 14. The method, as set forth in claim 13, wherein modifying the next hop information comprises modifying the next hop information to be the address of a router serving as a firewall of a network.
- 15. The method, as set forth in claim 13, wherein modifying the next hop information comprises modifying the next hop information to be the address of a firewall of a virtual private network.
- 16. The method, as set forth in claim 13, wherein the re-export filter comprises a mask, a value for comparison with the route, and an action to take in response to a match between the route and the comparison value.
- 17. The method, as set forth in claim 13, wherein receiving the plurality of routes comprises receiving a route distinguisher, a route target, and the next hop information.